

## NETWORK INTRUSION DETECTION SYSTEM AND METHOD

### ABSTRACT OF THE DISCLOSURE

A network intrusion detection system comprises a processor and a memory accessible by the processor. The system also comprises a monitor application stored in the memory and executable by the processor. The monitor application is adapted to monitor network activity associated with a network node. The system also comprises a profile application stored in the memory and executable by the processor. The profile application is adapted to automatically generate an activity profile associated with the network node using the monitored network activity. The system further comprises a recognition engine stored in the memory and executable by the processor. The recognition engine is adapted to compare a network event to the activity profile to determine whether the network event is authorized for the network node.